

Transient NMR effects in angular distribution of oriented nuclei radiation (ADNR)

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Abstract

The method of concatenating perturbation factors (PF), describing the nuclear spin-system evolution over different time intervals, is presented in consideration of spin-echo and free-induction decay signal formation in ADNR. The spin echo in PAC, formed under pulsed rapid reorientation of a ferromagnetic films magnetization vector is also considered in detail. © 1990 J.C. Baltzer A.G., Scientific Publishing Company.

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